

**US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

APPLICANT: **SUDIPTA SEAL**
FOR: **SYNTHESIS OF TETRAGONAL PHASE STABILIZED NANO AND SUBMICRON SIZED NANOPARTICLES**

LIST OF ART CITED BY APPLICANT**U.S. PATENT DOCUMENTS**

EXAMINER	DOCUMENT NO.	NAME	DATE	CLASS	SUBCLASS
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AM	AA	5,472,795	ATITA	12/5/1995	428/660
M	AB	5,800,934	QADRI	09/01/1998	428/633
M	AC	6,007,926	PROVENZANO	12/28/1999	428/633
M	AD	6,017,839	MAJUMDAR	01/25/2000	501/104
M	AE	6,203,768 B1	MC CORMICK	03/20/2001	423/1
M	AF	6,376,590 B2	KOLB	04/23/2002	524/413
M	AG	6,387,981 B1	ZHANG	05/14/2002	523/117
M	AH	6,482,537 B1	STRANGMAN	11/19/2002	428/633

PATENT APPLICATION PUBLICATIONS


NONE

FOREIGN ART

NONE

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	OA	(2003) S. Shukla, S. Seal, R. Vij & S. Bandyopadhyay. POLYMER SURFACTANT INCORPORATED CERAMIC OXIDE NANOPARTICLES. Rev. Adv. Matter. Sci 4, pp. 109
M	OB	(2002) S. Shukla, S. Seal, R. Vij & S. Bandyopadhyay. EFFECT OF HPC AND WATER CONCENTRATION ON THE EVOLUTION OF SIZE, AGGREGATION AND CRYSTALLIZATION OF SOL-GEL NANO ZIRCONIA. Journal Nanoparticle Research 4: pp. 553-559
M	OC	(2003) S. Shukla, S. Seal, VanFleet. SOL-GEL SYNTHESIS AND PHASE EVOLUTION BEHAVIOR OF STERICALLY STABILIZED NANOCRYSTALLINE ZIRCONIA. Journal of Sol-Gel Science and Technology 27, pp.119-136
M	OD	(2002) S. Shukla, S. Seal, R. Vij, S. Bandyopadhyay, & Z. Rahman. EFFECT OF NANOCRYSTALLITE MORPHOLOGY ON THE METASTABLE TETRAGONAL PHASE STABILIZATION IN ZIRCONIA. Nano Letters Vol. 2, American Chemical Society pp. 989-993
M	OE	(2003) S. Shukla, S. Seal, R. Vij, S. Bandyopadhyay. REDUCED ACTIVATION ENERGY FOR GRAIN GROWTH IN NANOCRYSTALLINE YTTRIA-STABILIZED ZIRCONIA. Nano Letters Vol. 2, No. 9, American Chemical Society pp. 397-401



5-10-06